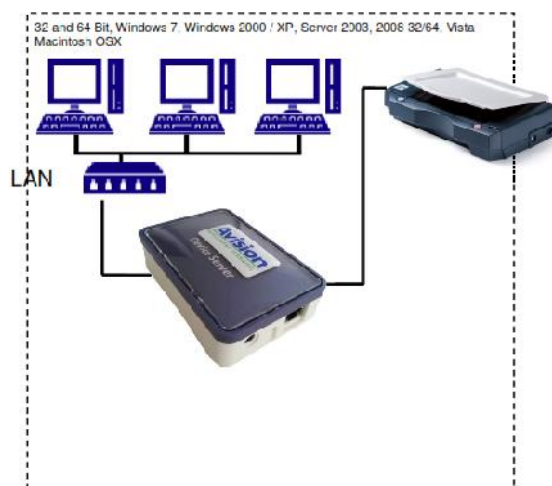# High-Performance USB Network Adaptor
SX-DS-4000U2

Networking of high-quality USB scanner

The SX-DS-4000U2 is a high-performance USB Network Adaptor with an astounding 800 MHz of computing power. The USB Virtual Link technology makes any kind scanner network-capable in the simplest of manners. Scanners can be used over the network via a total of 2 USB HiSpeed ports with the SX-DS-4000U2 just as though they were connected to the local computer. Multiple clients can use the same USB device one after the other, and it can be located further away from them.

Connection example

Features

● **High-Performance**

Higher data throughput due to optimized performance and Gigabit connection: Extremely powerful CPU (800MHz) and two USB 2.0 HiSpeed ports (TypeA)

● **Energy-Saver Mode**

When the device server is not used for a certain period of time, the power supply to the USB bus is turned of to save energy. The power supply to the USB bus is automatically turned back on when the server is used again.

● **Scan Server Function**
Supports standard TCP/IP scanning (LPR/IPP/RAW)

The product supports the general RAW-mode, LPR-mode and IPP-mode network scanning protocols. When the product is connected to a scanner, the standard Windows scan function can be used.
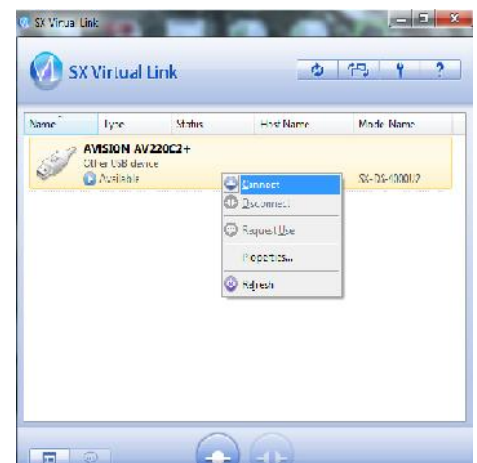
Function for automatic scanner connection

By setting up this function using SX Virtual Link, a scan job is automatically detected for a confgured scanner: The connection to the scanner is established, the Word scan process is executed and the connection is broken again. Thus the network adaptor function simultaneously includes a scan server function that is also suitable for GDI scanners.

What is a USB Network Adaptor?

It is a network device that uses the USB Virtual Link technology to make USB scanner devices network-ready. Thanks to the USB Virtual Link technology, more than one scanner can be used on a network, just as though they were connected with a USB cable.

What is SX Virtual Link?

SX Virtual Link is a software application for the use of the USB Virtual Link technology. With SX Virtual Link, the computer can make a remote connection over the network to any USB scanner connected to the USB scan device server.

The network is searched for the product and the connected USB scanner; the search results are shown in an overview on the main screen.
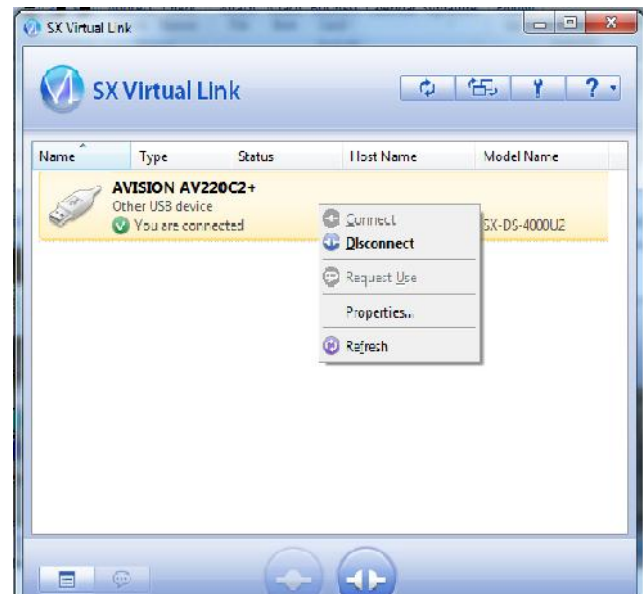
If another user is using a shared USB scanner, a request for use can be sent. It can also be specifed that failure to respond to this request will automatically lead to a disconnection after a timeout.

◖ Features, continued

With the SX-DS-4000U2, you can connect more than one scanner, thus increasing the profitability of the scanning device because it is available as a network resources.

Virtual environments: The USB Scan Device Server is compatible with the following virtualisation programs and environments: VMware, Citrix, Microsoft Terminal Server, and Hyper-V.

No special drivers of applications are needed to use the USB device: The drivers and applications that worked locally will continue to work.

2 USB port – with a total of 1000mA of power supply; using the optional USB hub, up to 15 USB connections can be supported

Gigabit Ethernet connection, reset button, power connection

◖ Technical data

Product name	SX-DS-4000U2
Article number	E1232
Network interface	10 BASE-T/100 BASE-TX/1000 BASE-T (automatic detection)
Device interface	USB 2.0 HiSpeed (type A) port x 2 with a total of 1A of power supply
Protocols supports	TCP/IP
Operating systems supported	Windows 7 (32/64bit), Vista (32/64bit), XP, 2000, Windows Server 2008 (32/64bit), Windows Server 2003 (32/64bit). * MacOS X [PowerPC : Ver 10.3x ∼ Ver 10.5x Intel : Ver 10.4.4 ∼ Ver 10.6x] *
Configuration	Setup program, Web browser, telnet
Dimensions	B: 99 mm × T: 67 mm × H: 30 mm (without rubber feet)
Weight	97 g
Power supply	Power supply 220 V AC, 50/60 Hz
Maximum power consumption	2.5 W (5 VDC 0.5 A) without USB bus power supply *1
Contents of package	Main unit, power supply, CD-ROM (setup program, user manual), setup instructions
Approvals	VCCI class B / FCC class B / CE class B

*1 When using USB devices with separate power supplies, we recommend the use of the power supply for stable operation.

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